

EQA round: IGIT1/24 - Immunopathology of GIT

Deadline: 8.3.2024

Setup: groups - R (manufacturer of kit)

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessed

CVP = consensus of all participants

N_{rel} = relative number of the resultsN_{suc} = number of successful results

>>> ... expected result

S_{rel} = relative success

> ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results					Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
Set 1								
(595) anti-gliadin IgA (deamidated)		76			76	76	100	
Sample A1		76			76	76	100	
(8) Eurospital	CVP >>>	2	2,6	Negative				
(14) Bio-Rad	CVP >>>	1	1,3	Negative				
(17) Biogema	CVP >>>	7	9,2	Negative				
(87) Euroimmun	CVP >>>	12	16	Negative				
(115) BioSystems	CVP >>>	1	1,3	Negative				
(135) OrgenTec	CVP >>>	6	7,9	Negative				
(140) TestLine	CVP >>>	24	32	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	3	3,9	Negative				
(166) Thermo Fisher	CVP >>>	5	6,6	Negative				
(183) Immunodiagnostic Systems	CVP >>>	1	1,3	Negative				
(191) D-tek	CVP >>>	1	1,3	Negative				
(211) INOVA Diagnostics	CVP >>>	11	14	Negative				
(999) another manufacturer	CVP >>>	2	2,6	Negative				
Sample B1		76			76	76	100	
(8) Eurospital	CVP >>>	2	2,6	Positive				
(14) Bio-Rad	CVP >>>	1	1,3	Positive				
(17) Biogema	CVP >>>	7	9,2	Positive				
(87) Euroimmun	CVP >>>	12	16	Positive				
(115) BioSystems	CVP >>>	1	1,3	Positive				
(135) OrgenTec	CVP >>>	6	7,9	Positive				
(140) TestLine	CVP >>>	24	32	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	3	3,9	Positive				
(166) Thermo Fisher	CVP >>>	5	6,6	Positive				
(183) Immunodiagnostic Systems	CVP >>>	1	1,3	Positive				
(191) D-tek	CVP >>>	1	1,3	Positive				
(211) INOVA Diagnostics	CVP >>>	11	14	Positive				
(999) another manufacturer	CVP >>>	2	2,6	Positive				
(594) anti-gliadin IgG (deamidated)		80			80	80	100	
Sample A1		80			80	80	100	
(0) not specified	CVP >>>	1	1,3	Negative				
(8) Eurospital	CVP >>>	2	2,5	Negative				
(14) Bio-Rad	CVP >>>	1	1,3	Negative				
(17) Biogema	CVP >>>	8	10	Negative				
(87) Euroimmun	CVP >>>	13	16	Negative				
(115) BioSystems	CVP >>>	1	1,3	Negative				
(135) OrgenTec	CVP >>>	7	8,8	Negative				
(140) TestLine	CVP >>>	24	30	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	2	2,5	Negative				
(166) Thermo Fisher	CVP >>>	5	6,3	Negative				
(183) Immunodiagnostic Systems	CVP >>>	1	1,3	Negative				
(191) D-tek	CVP >>>	1	1,3	Negative				
(211) INOVA Diagnostics	CVP >>>	12	15	Negative				
(999) another manufacturer	CVP >>>	2	2,5	Negative				
Sample B1		80			80	80	100	
(0) not specified	CVP >>>	1	1,3	Positive				
(8) Eurospital	CVP >>>	2	2,5	Positive				
(14) Bio-Rad	CVP >>>	1	1,3	Positive				
(17) Biogema	CVP >>>	8	10	Positive				
(87) Euroimmun	CVP >>>	13	16	Positive				
(115) BioSystems	CVP >>>	1	1,3	Positive				
(135) OrgenTec	CVP >>>	7	8,8	Positive				
(140) TestLine	CVP >>>	24	30	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	2	2,5	Positive				
(166) Thermo Fisher	CVP >>>	5	6,3	Positive				
(183) Immunodiagnostic Systems	CVP >>>	1	1,3	Positive				
(191) D-tek	CVP >>>	1	1,3	Positive				
(211) INOVA Diagnostics	CVP >>>	12	15	Positive				
(999) another manufacturer	CVP >>>	2	2,5	Positive				

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	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]	
Set 2								
(424) anti-endomysium IgA		69				69	69	100
Sample A2		69				69	69	100
(2) GA Generic Assays	CVP >>>	1	1,4	Negative				
(80) DiaMed	CVP >>>	1	1,4	Negative				
(87) Euroimmun	CVP >>>	35	51	Negative				
(115) BioSystems	CVP >>>	8	12	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	7	10	Negative				
(191) D-tek	CVP >>>	1	1,4	Negative				
(211) INOVA Diagnostics	CVP >>>	15	22	Negative				
(998) home-made	CVP >>>	1	1,4	Negative				
Sample B2		69				69	69	100
(2) GA Generic Assays	CVP >>>	1	1,4	Positive				
(80) DiaMed	CVP >>>	1	1,4	Positive				
(87) Euroimmun	CVP >>>	35	51	Positive				
(115) BioSystems	CVP >>>	8	12	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	7	10	Positive				
(191) D-tek	CVP >>>	1	1,4	Positive				
(211) INOVA Diagnostics	CVP >>>	15	22	Positive				
(998) home-made	CVP >>>	1	1,4	Positive				
(425) anti-transglutaminase IgA		84				84	84	100
Sample A2		84				84	84	100
(8) Eurospital	CVP >>>	1	1,2	Negative				
(14) Bio-Rad	CVP >>>	1	1,2	Negative				
(87) Euroimmun	CVP >>>	16	19	Negative				
(115) BioSystems	CVP >>>	5	6	Negative				
(135) OrgenTec	CVP >>>	8	9,5	Negative				
(140) TestLine	CVP >>>	17	20	Negative				
(148) Aesku.lab Diagnostika	CVP >>>	4	4,8	Negative				
(164) DiaSorin	CVP >>>	6	7,1	Negative				
(166) Thermo Fisher	CVP >>>	5	6	Negative				
(183) Immunodiagnostic Systems	CVP >>>	2	2,4	Negative				
(191) D-tek	CVP >>>	1	1,2	Negative				
(199) Eurolab Lambda	CVP >>>	1	1,2	Negative				
(211) INOVA Diagnostics	CVP >>>	16	19	Negative				
(999) another manufacturer	CVP >>>	1	1,2	Negative				
Sample B2		84				84	84	100
(8) Eurospital	CVP >>>	1	1,2	Positive				
(14) Bio-Rad	CVP >>>	1	1,2	Positive				
(87) Euroimmun	CVP >>>	16	19	Positive				
(115) BioSystems	CVP >>>	5	6	Positive				
(135) OrgenTec	CVP >>>	8	9,5	Positive				
(140) TestLine	CVP >>>	17	20	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	4	4,8	Positive				
(164) DiaSorin	CVP >>>	6	7,1	Positive				
(166) Thermo Fisher	CVP >>>	5	6	Positive				
(183) Immunodiagnostic Systems	CVP >>>	2	2,4	Positive				
(191) D-tek	CVP >>>	1	1,2	Positive				
(199) Eurolab Lambda	CVP >>>	1	1,2	Positive				
(211) INOVA Diagnostics	CVP >>>	16	19	Positive				
(999) another manufacturer	CVP >>>	1	1,2	Positive				
Set 3								
(592) anti-Saccharomyces cerevisiae IgA		63				63	63	100
Sample A3		63				63	63	100
(17) Biogema	CVP >>>	5	7,9	Positive				
(87) Euroimmun	CVP >>>	23	37	Positive				
(115) BioSystems	CVP >>>	1	1,6	Positive				
(135) OrgenTec	CVP >>>	10	16	Positive				
(140) TestLine	CVP >>>	6	9,5	Positive				
(147) AIDA	CVP >>>	2	3,2	Positive				
(148) Aesku.lab Diagnostika	CVP >>>	5	7,9	Positive				
(166) Thermo Fisher	CVP >>>	6	9,5	Positive				
(211) INOVA Diagnostics	CVP >>>	4	6,3	Positive				
(999) another manufacturer	CVP >>>	1	1,6	Positive				
Sample B3		63				63	63	100
(17) Biogema	CVP >>>	5	7,9	Negative				
(87) Euroimmun	CVP >>>	23	37	Negative				
(115) BioSystems	CVP >>>	1	1,6	Negative				

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			N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
(135) OrgenTec	CVP >>>	10	16	Negative			
(140) TestLine	CVP >>>	6	9,5	Negative			
(147) AIDA	CVP >>>	2	3,2	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	5	7,9	Negative			
(166) Thermo Fisher	CVP >>>	6	9,5	Negative			
(211) INOVA Diagnostics	CVP >>>	4	6,3	Negative			
(999) another manufacturer	CVP >>>	1	1,6	Negative			
(593) anti-Saccharomyces cerevisiae IgG		57			57	57	100
Sample A3		57			57	57	100
(0) not specified	CVP >>>	1	1,8	Positive			
(17) Biogema	CVP >>>	5	8,8	Positive			
(87) Euroimmun	CVP >>>	19	33	Positive			
(115) BioSystems	CVP >>>	1	1,8	Positive			
(135) OrgenTec	CVP >>>	8	14	Positive			
(140) TestLine	CVP >>>	6	11	Positive			
(147) AIDA	CVP >>>	1	1,8	Positive			
(148) Aesku.lab Diagnostika	CVP >>>	5	8,8	Positive			
(166) Thermo Fisher	CVP >>>	6	11	Positive			
(211) INOVA Diagnostics	CVP >>>	4	7	Positive			
(999) another manufacturer	CVP >>>	1	1,8	Positive			
Sample B3		57			57	57	100
(0) not specified	CVP >>>	1	1,8	Negative			
(17) Biogema	CVP >>>	5	8,8	Negative			
(87) Euroimmun	CVP >>>	19	33	Negative			
(115) BioSystems	CVP >>>	1	1,8	Negative			
(135) OrgenTec	CVP >>>	8	14	Negative			
(140) TestLine	CVP >>>	6	11	Negative			
(147) AIDA	CVP >>>	1	1,8	Negative			
(148) Aesku.lab Diagnostika	CVP >>>	5	8,8	Negative			
(166) Thermo Fisher	CVP >>>	6	11	Negative			
(211) INOVA Diagnostics	CVP >>>	4	7	Negative			
(999) another manufacturer	CVP >>>	1	1,8	Negative			